34. The method of claim 32, wherein the single-finger gesture comprises a drag operation.

35. The method of claim 32, wherein the single-finger gesture comprises a select operation.

36. The method of claim 17, wherein the act of analyzing comprises determining multiple fingers are simultaneously manipulating the track pad sensor.

37. The method of claim 36, wherein the act of generating comprises generating a signal indicating a multi-finger gesture.

38. The method of claim 36, wherein the multi-finger gesture comprises a double-click operation.

39. The method of claim 36, wherein the multi-finger gesture comprises a visual zoom operation.

40. A track pad input method, comprising:

stimulating a plurality of sensor elements in a track pad sensor using a single finger;

measuring a characteristic for each of the stimulated sensor elements, each measurement being encoded by a digital value;

transmitting the measured digital values to a host processor wherein the host processor is responsible, at least in part, for executing user-level tasks;

analyzing, with the host processor, the measured digital values; and

generating a signal representing a single-finger gesture based on the measured digital values.

41. The method of claim 40, wherein the act of generating a signal representing a single-finger gesture comprises generating a signal representing a single click action.

42. The method of claim 40, wherein the act of generating a signal representing a single-finger gesture comprises generating a signal representing a drag operation.

43. The method of claim 40, wherein the act of generating a signal representing a single-finger gesture comprises generating a signal representing a select operation.

44. A track pad input method, comprising;

stimulating a plurality of sensor elements in a track pad sensor using multiple fingers simultaneously;

measuring a characteristic for each of the stimulated sensor elements, each measurement being encoded by a digital value;

transmitting the measured digital values to a host processor wherein the host processor is responsible, at least in part, for executing user-level tasks;

analyzing, with the host processor, the measured digital values; and

generating a signal representing a multi-finger gesture based on the measured digital values.

45. The method of claim 44, wherein the act of generating a signal representing a multi-finger gesture comprises generating a signal representing a double-click operation.

46. The method of claim 44, wherein the act of generating a signal representing a multi-finger gesture comprises generating a signal representing a visual zoom operation.

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